

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q95153

Takeyoshi KANO, et al.

Appln. No.: 10/580,953

Group Art Unit: 2823

Confirmation No.: 8343

Examiner: William D. Coleman

Filed: March 2, 2007

For: METAL PATTERN FORMING METHOD, METAL PATTERN OBTAINED BY THE
SAME, PRINTED WIRING BOARD, CONDUCTIVE FILM FORMING METHOD,
AND CONDUCTIVE FILM OBTAINED BY THE SAME

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

ATTN: Office of Initial Patent Examination
Filing Receipt Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

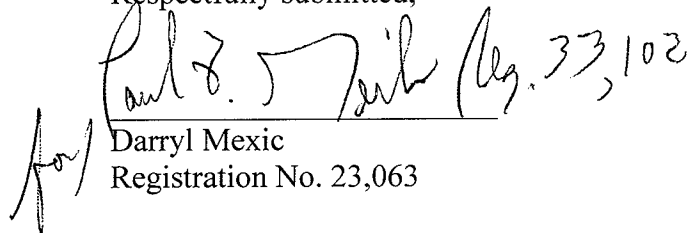
We enclose a copy of the Official Filing Receipt for the above-identified application and
request the following corrections

Assignment for Published Patent Application:
FUJIFILM Corporation

Title:
Metal Pattern Forming [Methd] **METHOD**, Metal Pattern Obtained by the Same,
Printed Wiring Board, Conductive Film Forming Method, and Conductive Film Obtained by the
Same

Verification for the requested corrections is indicated on the Assignment and Declaration
filed March 2, 2007.

Respectfully submitted,


Darryl Mexic
Registration No. 23,063

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: February 6, 2008



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/580,953	03/02/2007	2812	1980	Q95153	25	4

CONFIRMATION NO. 8343

23373
 SUGHRUE MION, PLLC
 2100 PENNSYLVANIA AVENUE, N.W.
 SUITE 800
 WASHINGTON, DC 20037

DOCKETED
 JUL 23 2007

FILING RECEIPT



OC000000024919926

Date Mailed: 07/20/2007

Receipt is acknowledged of this nonprovisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Takeyoshi Kano, Kanagawa, JAPAN;
 Koichi Kawamura, Kanagawa, JAPAN;

ASSIGNMENT FOR PUBLISHED PATENT APPLICATION: FUJIFILM Corporation

Power of Attorney: The patent practitioners associated with Customer Number 23373.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/18077 11/29/2004

Foreign Applications

JAPAN 2003-397038 11/27/2003
 JAPAN 2004-046803 02/23/2004
 JAPAN 2004-163782 06/01/2004
 JAPAN 2004-293686 10/06/2004
 JAPAN 2004-296853 10/08/2004

If Required, Foreign Filing License Granted: 07/19/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/580,953**

Projected Publication Date: 10/25/2007

Non-Publication Request: No

Early Publication Request: No

Title

METHOD

Metal Pattern Forming (Methd) Metal Pattern Obtained by the Same, Printed Wiring Board, Conductive Film Forming Method, and Conductive Film Obtained by the Same

Preliminary Class

438

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where

the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Assignment

Whereas, I/We, Takeyoshi Kano and Koichi Kawamura

of Kanagawa, Japan

hereinafter called assignor(s), have invented certain improvements in

METAL PATTERN FORMING METHOD, METAL PATTERN OBTAINED BY
THE SAME, PRINTED WIRING BOARD, CONDUCTIVE FILM FORMING
METHOD, AND CONDUCTIVE FILM OBTAINED BY THE SAME

and executed an application for Letters Patent of the United States of America therefor on

June 5, 2006 and

Whereas, FUJI PHOTO FILM CO., LTD. of No. 210 Nakanuma, Minami-Ashigara-shi,
Kanagawa, Japan (assignee), desires to acquire the entire right, title, and interest
in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named
assignee, its successors and assigns, the entire right, title and interest in the application and the
invention disclosed therein for the United States of America, including the right to claim priority
under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent
granted upon the invention set forth in the application to the assignee, its successors and assigns;
and I/we will execute without further consideration all papers deemed necessary by the assignee
in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses
(Application number _____ filed _____) the filing date and
application number of said application when known.

Date: 2006. 6. 5 Takeyoshi Kano
s/

Date: June 5, 2006 Koichi Kawamura
s/

Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Declaration and Power of Attorney for Patent Application

特許出願宣言書および委任状

Japanese Language Declaration

私は下記発明者として以下の通り宣言します：

As a below named inventor, I hereby declare that:

私の住所、郵送先、および国籍は私の氏名の後に記載された通りです。

My residence, mailing address and citizenship are as stated next to my name.

下記名称の発明に関し請求範囲に記載され特許出願がされている発明内容につき、私が最初、最先かつ唯一の発明者（下記氏名が一つの場合）であるか、あるいは最初、最先かつ共同発明者（下記氏名が複数の場合）であると信じます。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METAL PATTERN FORMING METHOD,
METAL PATTERN OBTAINED BY THE SAME,
PRINTED WIRING BOARD, CONDUCTIVE
FILM FORMING METHOD, AND
CONDUCTIVE FILM OBTAINED BY THE
SAME

下記項目に x 印が付いている場合を除き、上記発明の明細書は本書に添付されます。

the specification of which is attached hereto unless the following box is checked:

☐ 上記発明は米国出願番号あるいは PCT 国際出願番号 _____ (確認番号 _____) として _____ 年 _____ 月 _____ 日に提出され、
_____ 年 _____ 月 _____ 日に補正されました（該当する場合）。

☒ was filed on November 29, 2004
as United States Application Number or PCT
International Application Number
PCT/JP2004/018077 (Conf. No. _____)
and was amended on _____
(if applicable).

私は特許請求範囲を含み上述の補正で補正された前記明細書の内容を検討し、理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は連邦規則法典第 37 編 1 条 56 項に定義される特許性に肝要な情報について開示義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

Japanese Language Declaration

私は米国法典第 35 編 119 条(a)-(d)あるいは 365 条(b)に基づき特許あるいは発明者証書の下記外国出願、または 365 条(a)に基づき米国以外の少なくとも 1 ヶ国を指定した下記 PCT 外国出願についての外国優先権をここに主張するとともに、下記項目に x 印を付けることにより優先権を主張する出願以前の出願日を有する特許あるいは発明者証書の外国出願あるいは PCT 外国出願を示します。

Prior foreign application(s)
外国での先行出願

2003-397038	Japan
(Number)	(Country)
(番号)	(国名)
2004-046803	Japan
(Number)	(Country)
(番号)	(国名)
2004-163782	Japan
(Number)	(Country)
(番号)	(国名)
2004-293686	Japan
(Number)	(Country)
(番号)	(国名)

私は米国法典第 35 編 119 条(e)に基づき下記の米国仮特許の利益をここに主張します。

(Application No.)	(Filing Date)
(出願番号)	(出願日)

(Application No.)	(Filing Date)
(出願番号)	(出願日)

私は米国法典第 35 編 120 条に基づき下記米国特許出願、あるいは 365 条(c)に基づき米国を指定する下記 PCT 国際特許出願の利益をここに主張し、本特許出願内特許請求範囲の各項目の内容が米国法典第 35 編 112 条の最初の項に規定される方法により先行米国あるいは PCT 国際特許出願で開示されていない限りにおいて連邦規則法典第 37 編 1 条 56 項に定義される特許性に肝要で、先行特許出願の出願日から本特許出願の国内あるいは PCT の出願日までの間に入手された情報について開示義務があることを認めます。

(Application No.)	(Filing Date)
(出願番号)	(出願日)

(Application No.)	(Filing Date)
(出願番号)	(出願日)

私は本宣言書内で私自身の知識に基づいてなされたすべての陳述が真実であり、情報および信ずるところに基づいてなされたすべての陳述が真実であると信じられていることをここに宣言し、さらに故意になされた虚偽の陳述等々は米国法典第 18 編 1001 条に基づき罰金あるいは拘禁または両方による処罰にあたり、またかような故意による虚偽の陳述はそれに基づく特許出願あるいは成立特許の有効性を危うくする可能性があることを認識した上でこれらの陳述をなしたことを宣言します。

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below, and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Claimed
優先権の主張

	Yes 有り	No 無し
27 / November / 2003	x	<input type="checkbox"/>
(Day/Month/Year Filed)		
(出願年月日)		
23 / February / 2004	x	<input type="checkbox"/>
(Day/Month/Year Filed)		
(出願年月日)		
01 / June / 2004	x	<input type="checkbox"/>
(Day/Month/Year Filed)		
(出願年月日)		
06 / October / 2004	x	<input type="checkbox"/>
(Day/Month/Year Filed)		
(出願年月日)		

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Status: patented, pending, abandoned)
(状態: 特許成立済、係属中、放棄済)

(Status: patented, pending, abandoned)
(状態: 特許成立済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration

委任状：私は下記の米国特許商標局（USPTO）顧客番号のもとに記載される SUGHRUE MION 法律事務所のすべての弁護士を、同顧客番号のもとに記載される個々の弁護士は Sughrue Mion 法律事務所のみ自由裁量に基づき変更され得ることを認識した上で、本特許出願の続きおよびそれに関わる特許商標局との業務を遂行する弁護士として指名し、本特許出願に関するすべての通信が同 USPTO 顧客番号のもとに提出された住所宛に送付されることを要請します。

POWER OF ATTORNEY: I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

23373

23373

PATENT TRADEMARK OFFICE

電話連絡は下記へ：（名前および電話番号）

SUGHRUE MION, PLLC
+1 (202) 293-7060

Direct Telephone Calls to: (name and telephone number)

SUGHRUE MION, PLLC
(202) 293-7060

唯一あるいは第一の発明者名	Full name of sole or first inventor Takeyoshi Kano
発明者の署名 日付	Inventor's signature Date <i>Takeyoshi Kano</i> June 5, 2006
住所	Residence Kanagawa, Japan
国籍	Citizenship Japanese
郵送先	Post Office Address c/o FUJI PHOTO FILM CO., LTD., 577-1, Ushijima, Kaisei-Machi, Ashigarakami-Gun, Kanagawa 258-8577, Japan
第二の共同発明者（該当する場合）	Full name of second joint inventor, if any Koichi Kawamura
第二発明者の署名 日付	Second inventor's signature Date <i>Koichi Kawamura</i> June 5, 2006
住所	Residence Kanagawa, Japan
国籍	Citizenship Japanese
郵送先	Post Office Address c/o FUJI PHOTO FILM CO., LTD., 577-1, Ushijima, Kaisei-Machi, Ashigarakami-Gun, Kanagawa 258-8577, Japan
第三の共同発明者（該当する場合）	Full name of third joint inventor, if any

Supplemental Priority Data Sheet

優先権に関する追補データシート

Additional prior foreign applications:
追加的の先行外国特許出願：

Number 番号	Country 国名	Day/Month/Year Filed 出願年月日	Priority Claimed 優先権の主張	
			Yes 有り	No 無し
2004-296853 2004-342607	Japan Japan	08 / October / 2004 26 / November / 2004	X	<input type="checkbox"/>
			<input type="checkbox"/>	X
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Additional provisional applications:
追加的の仮出願：

Application Number 出願番号	Filing Date 出願日

Additional U.S. applications:
追加的の米国出願：

Application Number 出願番号	Filing Date 出願日	Status: patented, pending, abandoned 状態：特許成立済、係属中、放棄済

Assignment

Whereas, I/We, Takeyoshi Kano and Koichi Kawamura

of Kanagawa, Japan

hereinafter called assignor(s), have invented certain improvements in

METAL PATTERN FORMING METHOD, METAL PATTERN OBTAINED BY
THE SAME, PRINTED WIRING BOARD, CONDUCTIVE FILM FORMING
METHOD, AND CONDUCTIVE FILM OBTAINED BY THE SAME

and executed an application for Letters Patent of the United States of America therefor on

June 5, 2006 and

Whereas, FUJI PHOTO FILM CO., LTD. of No. 210 Nakanuma, Minami-Ashigara-shi,
Kanagawa, Japan (assignee), desires to acquire the entire right, title, and interest
in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named
assignee, its successors and assigns, the entire right, title and interest in the application and the
invention disclosed therein for the United States of America, including the right to claim priority
under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent
granted upon the invention set forth in the application to the assignee, its successors and assigns;
and I/we will execute without further consideration all papers deemed necessary by the assignee
in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses
(Application number filed) the filing date and
application number of said application when known.

Date: 2006.6.5 Takeyoshi Kano
s/

Date: June 5, 2006 Koichi Kawamura
s/

Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)